Mountain Weather Forecast

Lake District National Park

Forecast valid from 06:00 on Sunday 15 Dec 2024 until 23:59 on Monday 16 Dec 2024

Forecast Issued on Sunday 15 Dec 2024 at 02:52

Confidence: High for mild and unsettled weather during the period. Lower for day to day rain and cloud details.

Headline for Sunday 15 Dec 2024: Low cloud and occasional rain. Becoming very windy.

Mountain weather hazards on Sunday 15 Dec 2024

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	FOG
Fog	Fog	Fog	Fog	Fog	Fog
Precipitation probability					
60%	40%	40%	40%	60%	60%

Forecast for Sunday 15 Dec 2024

Weather: Cloudy with outbreaks of rain or drizzle, heavy at times across western fells but lighter elsewhere and perhaps fizzling out for a time early in the afternoon. Becoming very windy through the afternoon.

Chance of cloud-free hill tops above 800m: Almost zero chance.

Low cloud and visibility: Extensive cloud and fog down to low slopes giving difficult conditions for navigation. Cloud lifting to about 500m for a spell in the afternoon. Away from cloud, hazy, occasionally a few kilometres in rain or drizzle.

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Met Office Mountain Weather Forecast

Forecast for Sunday 15 Dec 2024

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	31/36 W	31/36 SW	32/39 SW	36/44 SW	42/52 SW	43/54 W	41/53 W
600	24/32 W	24/31 SW	26/34 SW	28/37 SW	33/44 SW	35/47 W	34/46 W
300	7/27 W	8/27 W	10/28 W	10/31 SW	13/36 W	14/38 W	14/38 W
Valley	4/20 W	6/20 W	11/26 SW	10/28 SW	14/34 SW	16/37 SW	16/36 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	6/1	6/1	6/-0	5/-2	6/-1	5/-2	4/-4
600	8/3	8/3	7/2	6/1	7/2	7/1	6/-0
300	9/7	8/6	8/6	8/5	8/6	8/5	8/4
Valley	9/8	9/8	9/7	9/7	10/7	10/7	9/6
Freezing Level*	2500m	2400m	2200m	2400m	2300m	1800m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A milder day but still feeling cold on the tops in the strong winds and wet conditions. Winds strengthening through the afternoon with gusts 50 to 60mph making walking and balance increasingly difficult.

Forecast for Monday 16 Dec 2024

Weather: Mostly cloudy with outbreaks of showery rain, but a little brightness at times. Very strong and gusty winds on the tops, easing later.

Maximum wind: West or Southwest 40 to 45mph with gusts 60mph, gradually easing in the afternoon.

Chance of cloud-free hill tops above 800m: 10% becoming 40%.

Low cloud and visibility: Extensive cloud and fog above 400m, rising to 700m in the afternoon. Away from cloud, mainly good visibility with brief reductions in rain.

Temperature: **Valleys:** Plus 10 or 11C.
At 800m: Plus 5 or 6C.
Freezing level: Well above summits.

Tuesday	Mainly dry in the morning with some bright spells. Cloudy and rain expected to spread east during the afternoon. Fresh westerly winds becoming southerly with gales or severe gales later. Freezing level above summits.
Wednesday	Very unsettled with showers or longer spells of rain. Widespread south or southwesterly gales, but storm force winds on the tops. Freezing level on the tops.
Thursday	Unsettled and windy conditions are likely to continue with further rain or showers. Freezing level above the tops.

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 14 December 2024 Location: Helvellyn summit at 12:30 Full report: There is currently a distinct lack of winter on the Lake District fells. Some rime (ice) was forming and exposed terrain beginning to freeze above 900m but generally it was a relatively mild and damp day with a few showers. The last few remaining snow patches are to be found above 850m in sheltered hollows and on steep north through east aspects. These are easily avoided by walkers. A chilly north west wind was giving nearly minus ten degrees C of windchill so full winter clothing comprising plenty of layers and a wind & waterproof shell plus gloves and a hat are essential to safely enjoy the fells. The next few days will give challenging conditions with gale force winds and tricky navigation due to limited visibility in the low lying cloud. Temperature: minus 0.4 C, Maximum wind speed 25.9 mph, Wind chill: minus 9.2 C, Average wind speed: 20.1 mph. Issued at: 02:52 on Sun 15 Dec 2024

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